

**PROJECT CONTACT INFORMATION**

<b>Name</b>	Mr. Rick Gruen,
<b>Title</b>	District Manager
<b>Organization</b>	Placer County Resource Conservation District
<b>Primary Address</b>	251 Auburn Ravine Road, Suite 107, , Auburn, CA, 95603
<b>Primary Phone/Fax</b>	530-885-3046 <b>Ext.</b>
<b>Primary Email</b>	gruenpcrcd@sbcglobal.net

## PRE-APPLICATION

<b>Project Title</b>	Gillis Hill Fuel Break
<b>Brief Description</b>	<p>Gillis Hill is a ridge separating the North Fork of the American River canyon and the communities of Colfax and Weimar, above the Auburn State Recreation Area (ASRA) in Placer County. The 35,000 acre ASRA provides recreational opportunities to over 900,000 visitors per year, and with increasing use of the ASRA there is an equal increase of human caused ignition. Recreation is an ever increasing and real threat to the surrounding communities and forests, and the forest cover in the canyons provides abundant fuel for fires. Historically, there have been several wildfires in the area ranging from 500 acres to several thousand, 1956 Sam Babb Fire, 1961 Gillis Fire, 1969 Iowa Hill Fire, 2001 Ponderosa Fire, and 2004 Stevens Fire. According to the Cal Fire, ASRA was the source of 125 ignitions in the period 1990 to 2005, and has been designated as a very high fire hazard area.</p> <p>Fuel reduction projects in this area will address the fire hazard in many ways. The ridge top fuel reduction will provide a defensible location to be used by fire suppression resources to gain control of oncoming fires, and prevent fire spread by removing hazardous surface and ladder fuels. This ridge top was also the principal ridge use to stop the 2001 Ponderosa Fire from burning into the City of Colfax and the surrounding community. The ridge top is also strategically located to protect vital infrastructure from fast developing fires in the North Fork of the American River Drainage. This infrastructure is best characterized as vital transportation systems of Interstate 80 and Union Pacific Rail Road for both national and state commerce. The ridge top is situated as such that if fuels are properly reduced and managed that minimal suppression efforts would be required reducing aggressive fire control impacts to the immediate environment and lands while reducing the cost of fire suppression and control, potentially saving significant taxpayer dollars in the event of a fire. It will also be a great project to allow for ingress of suppression units and egress of the community. A fuel break between the Auburn State Recreation Area (ASRA) and these communities will increase protection of residents and property from wildfire originating in the ASRA, and the ASRA from wildfire originating in the communities.</p> <p>The shaded fuel break, approximately 43 acres will be constructed on private lands adjacent to Bureau of Land Management (BLM) lands and Bureau of Reclamation (BOR) land and USFS lands. The integration of federal lands provides a larger landscape fuel reduction project that will increase the effectiveness of this fuel break.</p> <p>This project also aims to tie in a network of shaded fuel breaks from Colfax to Foresthill. The Foresthill Fire Safe Council has been working over the past years to complete many projects that will increase fire safety for</p>

	<p>the communities and allow adequate ingress and egress into the canyon. The Gillis Hill Ridge fuel break will increase the effectiveness of the network by allowing emergency personnel to gain the access needed to protect both the communities of Colfax, Iowa Hill, Foresthill, and many others.</p> <p>We are requesting \$300/acre for the CEQA/NEPA requirements and will assess the project area for threatened, rare, or endangered plants and animals, cultural and historical resources, and for any nesting avian species that may affect operating periods; and for project layout and design. Our total project area is 187 acres as identified in the Placer County Community Wildfire Protection Plan. As written in the CA clearinghouse grant we proposed to only work on private land, but some of the project area as identified in the CWPP is on Federal BLM land as well. Total requested funds = \$56,100.</p> <p>Deliverables for the project:</p> <ol style="list-style-type: none"> <li>1.) Biological survey for threatened, rare, or endangered plants and animals (will include CNDDDB inquiry)</li> <li>2.) Cultural and Historical Survey</li> <li>3.) Migratory Bird Treaty Act compliance</li> <li>4.) Checklist for CEQA and/or NEPA compliance</li> <li>5.) Layout and boundary flagging of project area and any sensitive or avoidance areas within the project</li> <li>6.) Map of Final project Boundary with GPS locations for any of the resources found during environmental review on the project</li> <li>7.) Treatment design based on foresters environmental assessment.</li> </ol> <p>We are requiring the Registered Professional Forest make the determination of CEQA or NEPA compliance since the project falls within Federal and Private Lands.</p> <p>In the CA clearinghouse grant we did not have this information included because we decreased acres to make sure we were able to match 50-50 requirement. We would like to complete the environmental documentation and layout for the entire project are so we may seek additional funding to complete the entire fuel break as identified in the Placer County CWPP.</p>
<b>Grant Application Type</b>	Category Two Pre-Project Activities
<b>Applicant Type</b>	Government
<b>Total Requested Amount</b>	65,000.00
<b>Other Fund Proposed</b>	67,399.00
<b>Total Project Cost</b>	132,399.00

#### Location Information

Address:	Gillis Hill, , , Colfax, CA, 95713
Latitude:	39.1131
Longitude:	-120.8564
Within City Limits:	No
City Name:	

<b>County</b>
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Placer
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<b>Sub Region</b>
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Central
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<b>CEQA Compliance</b>
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CEQA Compliance Document Type: Negative Declaration (CEQA)
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State Clearinghouse Number (if applicable):
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Who was or is the Lead Agency for CEQA?:
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Describe Status of CEQA Compliance (And NEPA, if applicable): CEQA will be completed as part of this Category 2 project.
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Up to 187 acres are proposed for the treatment as identified in the CWPP, if funded our treatment area will be approximately 43 acres along the boarder of private property. The majority of slopes are gentle and erosion hazard should be minimal. Seasonal constraints may include: nesting periods for migratory birds, wet winters where machinery is unable to operate for risk soil compaction and erosion on saturated soils, and summer red flag warning days.
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<b>Other Information</b>
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Land Tenure Type: Land Owner Agreement(s)
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Land Tenure Status: Pending
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Describe Status of Appraisal (Conservation Easement Acquisition Projects, only):
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<b>PROJECT OTHER CONTACTS INFORMATION</b>
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<b>Other Grant Project Contacts</b>
Name: Mrs. Karina Silva-Bellanca, Project Role: Day-to-Day Responsibility Phone: 5308782795 Phone Ext: E-mail: karina.bellanca@gmail.com

## UPLOADS

The following pages contain the following uploads provided by the applicant:

Upload Name
Other Supporting Documentation

To preserve the integrity of the uploaded document, headers, footers and page numbers have not been added by the system.

**Organizational Information:**

**1. Organization Name**

Placer Sierra Fire Safe Council

**2. Organization Address**

<b>Address 1</b>	P.O. Box 926	<b>City</b>	Alta
<b>Address 2</b>		<b>State</b>	CA <b>Zip</b> 95701

**3. Primary Contact Person**

<b>First Name</b>	Karina	<b>Last Name</b>	Silvas–Bellanca
<b>Phone</b>	(530) 878–2795	<b>Fax</b>	(530) 878–2795
<b>E–mail</b>	karina.bellanca@gmail.com	<b>E–mail Type</b>	HTML

**4. Administrative Contact Person**

<b>First Name</b>	Rick	<b>Last Name</b>	Gruen
<b>Phone</b>	(530) 885–3046	<b>Fax</b>	(530) 823–5504
<b>E–mail</b>	gruenpcrcd@sbcglobal.net		

**5. Type of organization**

Other

**If Other Please Specify:**

Fire Safe Council

**6. If you answered "Nonprofit Organization" in Question #5, under what section of the Internal Revenue Code is your organization incorporated (e.g., 501(c)(3), 501(c)(4), etc.)?**

**If your organization is a 501(c)(3) nonprofit, please provide your IRS number from your IRS nonprofit determination letter.**

**If you have a DUNS number, please enter it here:**

**If you have a CAGE number, please enter it here:**

**7. In one paragraph, briefly describe your organization's mission, history and 2–3 years' major accomplishments. Include when your organization was formed and how many members are currently on your board of directors.**

Our mission is to incorporate education, collaborative planning, and implementation of the Community Wildfire Protection Plan for the West Slope of the Sierra Nevada in Placer County to effectively reduce the risks associated with living in a fire prone environment. In collaboration with Placer County RCD, Cal Fire, and UC cooperative extension we held a Forest Stewardship Day in Alta, where 30+ community members attended. The council regularly hosts local meetings and events to encourage continued collaboration and participation, and to keep the community updated on activities of the Fire Safe Council. We are also continuing to seek out funds from all sources to implement projects within our area. We have also recently adopted the Scotch Broom Challenge. We held a pull in Dutch Flat where 15 volunteers came out to eradicate Scotch Broom from the county right of way. Our organization was formed in November 2005. Initially it was formed by engaged citizens of

Colfax, then the County took over the responsibility for the councils in Placer with the exception of Foresthill. We have seven active board members, five appointed by Placer County BOS and one appointed by City of Colfax.

**8. In one paragraph, briefly describe your organization's current programs and activities. Please provide a description of any active grants including the name(s) of the funder(s) and the amount(s) of the grant(s).**

We are developing a robust strategic plan focused on FERC relicensing for the Middle Fork of the American River to focus our efforts in education and firewise communities, as well as seeking out additional funding to implement CWPP projects. We are working with County and other local entities on this plan. In collaboration with the Fire Safe Council of Nevada County, we received a \$2000 Nevada County & Placer County Resource Advisory Committee grant to extend the Scotch Broom Challenge into Placer County. This year we held two events: one with Placer Land Trust and the other in Dutch Flat. We have also completed an evacuation hand out for our residence to have a quick reference guide during evacuations. Further, our current programs also include education for the local community for proper defensible space as well as the importance of reducing the structural ignitability of the home, attendance at all local meeting (MACs, Fire Alliance, etc.), and remaining an active participant with all local governments and special districts in Placer County. We are also focused on creating Firewise Communities within our area and have two potential communities for the coming year.

**9. Describe how your organization is staffed (identify paid and volunteer staff) to ensure the project will be completed successfully and federal funds safeguarded. Please include the names and titles of all paid staff.**

Our council is overseen by the Placer County BOS. Six of our council member are appointed by the Board of Supervisors and one representative by the City of Colfax. Additionally, we have the Placer County Fire Mitigation Coordinator, District 5 Representative, Local and State Battalion Chiefs, and a Registered Professional Forester to consult with for expertise at our meetings and for planning projects.

**10. Does your organization have a fiscal sponsor?**

Yes

**11. Fiscal Sponsor Organization Name**

Placer County Resource Conservation District

**12. Fiscal Sponsor Organization Address**

<b>Address 1</b>	251 Auburn Ravine Road	<b>City</b>	Auburn
<b>Address 2</b>	Suite 107	<b>State</b>	CA <b>Zip</b> 95603

**13. Fiscal Sponsor Contact Person**

<b>First Name</b>	Rick	<b>Last Name</b>	Gruen
<b>Phone</b>	(530) 885-3046	<b>Fax</b>	(530) 823-5504
<b>E-mail</b>	gruenpcrcd@sbcglobal.net		

**14. Fiscal Sponsor Organization Type**

Resource Conservation District

**15. If you answered "Nonprofit Organization" in Question #5, under what section of the Internal**



**Revenue Code is your organization incorporated (e.g., 501(c)(3), 501(c)(4), etc.)?**

**If your organization is a 501(c)(3) nonprofit, please provide your IRS number from your IRS nonprofit determination letter.**

**If you have a DUNS number, please enter it here:**

138563544

**If you have a CAGE number, please enter it here:**

**16. In one paragraph, briefly describe your organization's mission, history and 2–3 years' major accomplishments. Include when your organization was formed and how many members are currently on your board of directors.**

The mission of Placer County RCD is to promote the sound stewardship of the natural resources for strong, healthy and diverse communities within the District and the region. Formed in 1947, the Placer County Resource Conservation District (PCRCDD) is governed by a seven member Board of Directors. The PCRCDD has provided conservation planning and technical assistance to benefit working landscapes as well as managed many diverse projects related to water/air quality, water efficiency, healthy forests, riparian/wildlife habitat restoration and vegetation/fuels management. Recent accomplishments include the successful transformation of Chipper Program from a free service to a more sustainable cost-share incentive program; and the successful completion/administration of a \$4.1M Prop 40/CFIP Fuels Reduction Project and \$180k Bark Beetle Prevention Project.

**17. In one paragraph, briefly describe your organization's current programs and activities. Please provide a description of any active grants including the name(s) of the funder(s) and the amount(s) of the grant(s).**

Currently, PCRCDD is managing and/or administering a number of grants and contracts in support of District programs in the areas of Rural Conservation, Working Landscapes and Forest/Fuels: Active grants/contracts include: Fire Safe Council Grants/\$313k, \$192k; CalFIRE WUI Grant/\$180k; Dept. of Fish & Game ERP Grant/\$1.8M; Sierra Nevada Conservancy Contract/ \$250K; and CalFIRE Outreach/Education contracts/\$36K, \$135K. In addition, the PCRCDD annually contracts with Placer County(\$60k) to provide professionally stormwater and erosion control technical assistance. PCRCDD has the capacity to manage these and additional projects utilizing professional funds accounting standards/policies and is annually audited.

**18. Describe how your organization is staffed (identify paid and volunteer staff) to ensure the project will be completed successfully and federal funds safeguarded. Please include the names and titles of all paid staff.**

PCRCDD's paid staff includes: District Manager, Rick Gruen; Operations Manager, Katie Maloney; Resource Specialist, Matt Dunnahoe (NRCS Certified Planner) and Resource Specialist, Mark White (Certified Erosion Prevention/Sediment Control and Storm Water Quality (CEPSC/CPSWQ) and Chipper Program Coordinator, Don Lane. Volunteer board members to assist on projects as needed includes: two Registered Professional Foresters, a certified Storm Water Quality Engineer, a Licensed Land Surveyor/Engineer, a retired USDA NRCS State Conservationist and a Senior Environmental Biologist.

**19. Project Name and Priority**

Gillis Hill Fuel Break

Priority 1 of 3

**Financial Information:**

**20. Funding requested**

\$65,000.00

**21. Matching Funds Provided (all sources)**

\$67,399.00

**22. Total Project Cost**

\$132,399.00

**23. Percentage of Match to Total Project Cost**

51%

**Project Location:**

**24.** **Longitude:** -120.8564  
**Latitude:** 39.1131 N W

**25. Is any part of your project on federal land or on land leased by the federal government?**

None

**26. Is the area impacted by your project at risk to fire originating on federal land?**

Yes

**If yes, which federal land?**

b. Bureau of Land Management:  
*Folsom*

c. Bureau of Reclamation

e. USDA Forest Service: *Tahoe National Forest*

**How far is your project from federal lands?**

0–3 miles

**27. Congressional District**

CALIFORNIA:  
4

NEVADA:

**State Assembly/House District**

CALIFORNIA:  
3, 4

NEVADA:

**State Senate District**

CALIFORNIA:  
1

NEVADA:

**28. Counties**

CALIFORNIA:  
Placer

NEVADA:

**Project Overview:****29. How many total acres is your project?**

43 acres

**30. Project Deliverables**

	Quantity Projected	Federal Cost
<i>Community Assessment Wildfire Planning</i>		
Community risk assessments		\$0.00
Community Wildfire Protection Plans		\$0.00
TOTAL COMMUNITY ASSESSMENT WILDFIRE PLANNING:		\$0.00
<i>Information/Education</i>		
Workshops/Training Sessions		\$0.00
Outreach/Education Programs		\$0.00
Education/Information Products		\$0.00
Monitoring		\$0.00
TOTAL INFORMATION/EDUCATION:		\$0.00
<i>Fuels Treatment</i>		
Preparation for Treatment	acres	\$0.00
Mechanical Treatment		
Biomass removal		\$0.00
Chipping		\$0.00
Crushing		\$0.00
Hand pile		\$0.00
Seeding		\$0.00
Lop and scatter		\$0.00
Machine pile		\$0.00
Mastication/Mowing	10	\$12,000.00
Thinning	33	\$33,000.00
Thinning – Tree felling & removal		\$0.00
TOTAL MECHANICAL TREATMENT:	43 acres	\$45,000.00
Prescribed Fire		
Broadcast burn		\$0.00
Fire use		\$0.00

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Hand pile burn	15	\$12,000.00
Jackpot burn		\$0.00
Machine pile burn		\$0.00
TOTAL PRESCRIBED FIRE:	15 acres	\$12,000.00
Other Treatment (Chemical, Biological or Browsing)		
Chemical		\$0.00
Biological		\$0.00
Browsing		\$0.00
TOTAL OTHER TREATMENT:	0 acres	\$0.00
TOTAL FUELS TREATMENT:		\$57,000.00
<b>GRAND TOTAL:</b>		<b>\$57,000.00</b>
<i>Values Protected</i>		
Estimate the number of homes protected by your project	3500	
Estimate the number of community members protected by your project	7000	
Estimate the value of property protected by your project		\$853,000,000.00

**Project Summary:**

**31. Briefly summarize the problem, the proposed project and how it addresses the problem.**

Gillis Hill is a ridge separating the North Fork of the American River canyon and the communities of Colfax and Weimar, above the Auburn State Recreation Area (ASRA) in Placer County. The 35,000 acre ASRA provides recreational opportunities to over 900,000 visitors per year, and with increasing use of the ASRA there is an equal increase of human caused ignition. Recreation is an ever increasing and real threat to the surrounding communities and forests, and the forest cover in the canyons provides abundant fuel for fires. Historically, there have been several wildfires in the area ranging from 500 acres to several thousand, 1956 Sam Babb Fire, 1961 Gillis Fire, 1969 Iowa Hill Fire, 2001 Ponderosa Fire, and 2004 Stevens Fire. According to the Cal Fire, ASRA was the source of 125 ignitions in the period 1990 to 2005, and has been designated as a very high fire hazard area.

Placer County has been at or near the top of the list of the fastest growing counties in the United States consistently for the past several years. The communities of Colfax and Weimar home to 7,000 residents with Colfax represents the most concentrated residential development in the wildland/urban interface in the area. Communities in this area are designated as at risk on the Federal Register because fires, originating in the canyons, progress rapidly up steep slopes threatening property and lives of the communities.

**32. Describe the proposed project and how it addresses the problem.**

Fuel reduction projects in this area will address the fire hazard in many ways. The ridge top fuel reduction will provide a defensible location to be used by fire suppression resources to gain control of oncoming fires, and prevent fire spread by removing hazardous surface and ladder fuels. This ridge top was also the principal ridge use to stop the 2001 Ponderosa Fire from burning into the City of Colfax and the surrounding community. The ridge top is also strategically located to protect vital infrastructure from fast developing fires in the North Fork of the American River Drainage. This infrastructure is best characterized as vital transportation systems of Interstate 80 and Union Pacific Rail Road for both national and state commerce. The ridge top is situated as such that if fuels are properly reduced and managed that minimal suppression efforts would be required reducing aggressive fire control impacts to the immediate environment and lands while reducing the cost of fire suppression and control, potentially saving significant taxpayer dollars in the event of a fire. It will also be a great project to allow for ingress of suppression units and egress of the community. A fuel break between the Auburn State Recreation Area (ASRA) and these communities will increase protection of residents and property from wildfire originating in the ASRA, and the ASRA from wildfire originating in the communities. The shaded fuel break, approximately 43 acres will be constructed on private lands adjacent to Bureau of Land Management (BLM) lands and Bureau of Reclamation (BOR) land and USFS lands. The integration of federal lands provides a larger landscape fuel reduction project that will increase the effectiveness of this fuel break.

This project also aims to tie in a network of shaded fuel breaks from Colfax to Foresthill. The Foresthill Fire Safe Council has been working over the past years to complete many projects that will increase fire safety for the communities and allow adequate ingress and egress into the canyon. The Gillis Hill Ridge fuel break will increase the effectiveness of the network by allowing emergency personnel to gain the access needed to protect both the communities of Colfax, Iowa Hill, Foresthill, and many others.

**33. In what type of plan is the project or area to be addressed by the project identified:**

Community Wildfire Protection Plan (CWPP)

Approved by local government, fire dept. and state forester. Date Approved: March 2008

Please identify the title of the CWPP: Community Wildfire Protection Plan for the West Slope of

the Sierra Nevada in Placer County  
FEMA approved  
Date approved: April 2010

**34. What is the project/area's priority in the plan identified in question #32 and on what page of the plan is it addressed?**

Community Wildfire Protection Plan (CWPP)

Priority in the plan: 2

Page number where the project is addressed: 54

**35. Community(ies)–at–risk affected by project:**

Colfax

**36. List communities, other than communities–at–risk, that will benefit from this project.**

Iowa Hill, Weimar, Cape Horn, Magra, Secret Town, Yankee Jims

**37. How many people (such as planning, fuels reduction, environmental compliance, project management, etc) will you employ with this project? Please count both contractors and salaried employees.**

Salaried employees: 4

Contractors: 2

**38. Condition Class**

3

**39. Fire Regime**

II

**40. Sustainability**

Our grant proposal has a combined educational outreach and awareness program to involve the community in the fire safe effort. We plan to focus our outreach on forest health as well as defensible space to decrease structure ignitability. Placer Sierra Fire Safe Council is committed to maintaining projects through seeking additional grant dollars, and by setting up community volunteer programs to help maintain fuels breaks that are established within the community. We have been successful at getting volunteers for our Scotch Broom Challenge and know that the communities surrounding the Gillis Hill Fuel Break also have a vested interest in the projects long term success. Both grant submissions, partnerships with local entities and volunteer work will keep this project sustainable for the future. Further, we are committed to working with the local Battalion Chiefs to return fire to our landscape where it is safe and feasible. We plan to work with the local and State fire districts to implement small controlled fires along the ridge top, which will increase forest health and reduce fuel loading for long term success and sustainability of this project.

**41. Success**

Success will be measure at many levels for this project. In the short term, project success will be determined by the completion of the work on the ground. The educational events that the Placer Sierra Fire Safe Council will attend in the community will also be indicators of success in getting the message out to the community. Education for the community is seen as a critical and integral part of planning and implementing a successful fuel break because fuels modification need to include the home, otherwise our planning efforts can be thwarted by a large fire events. These short term goal will lead to



success of our educational program to bring in volunteers for the future maintenance of the project. Long term success of this project and effectiveness will be the ability to safely place fire personnel on the ridge to protect the community. In the longer term, success will also be measured by the reduction of fuel loads and an increase in forest health.

**Fuel Treatment Projects:**

**42. Is this a fuels treatment project?**

Yes

**43. All ground disturbing projects must complete an environmental compliance review approved by the California Fire Safe Council. Have any biological or environmental impact assessments been completed for the project area?**

No

**44. If this is an existing project, please identify the name and the grant number of the project under which the earlier parts of the project were funded.**

Grant name:

Grant number:

**45. What's the approximate acreage of the project's surface disturbance? Please identify any seasonal constraints.**

Up to 187 acres are proposed for the treatment as identified in the CWPP, if funded our treatment area will be approximately 43 acres along the boarder of private property. The majority of slopes are gentle and erosion hazard should be minimal. Seasonal constraints may include: nesting periods for migratory birds, wet winters where machinery is unable to operate for risk soil compaction and erosion on saturated soils, and summer red flag warning days.

**46. Proposed months of treatment?**

Spring (April – June) ; Fall (September – November)

**47. Time of day of treatments?**

Daylight Hours

**48. Is the project located on an existing road?**

Yes

Iowa Hill road passes through and parallel to the project.

**49. Is the project located off-road?**

Yes

**What is the distance (in miles) of off-road travel required?**

0.056 miles (300ft)

**50. Will new or temporary roads be developed?**

No

**51. What is the distance (in feet) from live stream, wetlands and other special site characteristics? What are the site characteristics?**

40 feet or more

This project is also a culturally sensitive area. There is one area within the project that has large legacy oaks and some grinding

holes.

**52. What is the dominant vegetation type at treatment site?**

Open or closed canopy mixed conifer forest

**53. If vegetation is to be modified, describe in detail.**

Open or closed canopy mixed conifer forest

**The treatment to be implemented:**

The shaded fuel break, approximately 43 acres will be constructed on private lands adjacent to Bureau of Land Management (BLM) lands, Bureau of Reclamation (BOR) lands, and U.S. Forest Service Tahoe National Forest (USFS) lands. The integration of federal lands provides a larger landscape fuel reduction project that will increase the effectiveness of this fuel break. Treatments implemented will consist of 100' to 300' wide shaded fuel break along the Gillis Hill ridge top along Iowa Hill road. The shaded fuel break will treat up to 150' off centerline. Treatments will follow prescription below. Topography and access allowances will all dictate the type of treatment implemented. The boundary will be flagged in green and orange, and special treatment areas in blue and white striped. The areas that need avoidance in the project they will be flagged with red. This project will be removing suppressed and intermediate trees up to 10" inches, any hazard trees that are dead, dying or diseased, and the majority of the treatment will reduce shrubs. For areas that are dominated by manzanita, the LTO contractor will leave small patches of the largest manzanita to provide shade to the ground. Mastication will occur on approximately 10 acres of the project area in area where terrain permits a machine, the rest of the project area will be handwork/pile burning. The treatment areas will be designated by an RPF during the layout prior to any implementation. Mastication will be implemented on slopes that are less than or equal to 30%. Machines will be steel tracked or rubber tracked. Trees up to 10" diameter will be removed in varying percentages given slope, species type, and tree health. Trees over 10" in diameter will not be removed, unless deemed dead, dying, or diseased determined by RPF. Spacing of trees will range from 8' to 15' and shall be measured from the bole of tree. Thinning will also target shrub species removing up to 85% while respecting slope, hazardous areas, or unauthorized entry points into the Auburn State Recreation Area lands. All slopes greater than 30% will be hand cut and piled and burned. Piling and pile burning: all burning shall be conducted in compliance with PRC 4421, 4422, 4423 and 4425. Additionally operation of equipment shall comply with PRC 4427, 4428 and 4431. Contractor must abide by and acquire all federal, state, local permits as required to conduct project. All dead and down material greater than 1" in diameter and up to 10" in diameter and all cut material regardless of size can be piled in piles for burning. Piles should be constructed compactly beginning with a core of fine fuels and minimizing air spaces to facilitate complete combustion. Piles will be constructed no taller

than 6' or wider than 6' in diameter and located away from trees to prevent damage to the residual trees when burning, each pile will be ringed with fire line at minimum 3' wide. Piles will be covered and secured with water resistant paper a 4'x4' square to cover the fine material in the center of the piles.

**The equipment to be used:**

Equipment will consist of chainsaws and rubber or steel tracked masticators with horizontal mowing heads.

**The personnel/vendor to be used and how they will be used:**

Our fiscal sponsor will be Placer County Resource Conservation District (PCRCDD) and the Placer Sierra Fire Safe Council will be responsible for quarterly reporting and writing the RFP and awarding the contracts. Placer Sierra Fire Safe Council will assist PCRCDD in photo monitoring and administration as needed. Environmental assessment, layout, and supervision of project will be placed out to for a competitive bid process and the project work will be placed out to bid to contractors.

**54. Will the project generate biomass, small logs of a merchantable volume or a marketable product?**

No

**55. Is the biomass product being utilized?**

No

**56. Are Elderberry shrubs present in your project area?**

No

**57. Workplan**

<b>Sequential Tasks</b>	<b>Timeframe (Month 1–18)</b>	<b>Responsible Party</b>	<b>Outcomes/Results/ Deliverables</b>
Photo monitoring, "success story" development	Continuous	Placer Sierra Fire Safe Council / Placer County Resource Conservation District	Photo Monitoring at specific photo point throughout the life of the project.
Contract and grant administration	Quarterly throughout grant	Placer County Resource Conservation District and Placer Sierra Fire Safe Council (as needed)	Quarterly reporting, periodic site visits to monitor progression of projects, and handling invoicing from contractor. All covered within administrative fees.
Contact landowners	Month 1–2	Placer Sierra Fire Safe Council	A letter will be drafted for the private landowners in the area to let them know about the grant and the fuel break project. We will ask for permission to complete the fuel break along the Gillis Hill Ridge within their property boundaries.
Contract for Environmental Reporting and Design Layout	Month 1–2	Resource Conservation District and Placer Sierra Fire Safe Council	Contract for Environmental Reporting and design of project will be placed out to bid for contractors.
Planning: biological and cultural assessment	Month 3–5	TBA: will be placed out for bidding process.	The project will be assessed for threatened, rare, or endangered plants and animals,

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			cultural and historical resources, and nesting avian species that may affect operations. A document will be produced and sent to the granting agency.
Design: project layout	Month 3–5	TBA: will be placed out for bidding process.	Mapping and flagging of the project. Areas will be identified and laid out as described in the treatment section.
Contract Advertisement	Month 5	Placer County Resource Conservation District	Contract for implementation of the project will be placed out to bid for contractors. There will be one contract for project implementation.
Conduct bidder evaluation and award	Month 5	Placer County Resource Conservation District	Thorough evaluations of all contractors will be conducted, and the contractor that meets all requirements of the PCRCDD will be awarded the grant.
Project supervision	Month 5–18	Placer Sierra Fire Safe Council and contractor (TBA)	Supervision of project to address any potential issues that may occur during the life of the project. BWFS must visit the site at least one time per week to assure project is being implemented according to the treatment prescription.
Hazard fuel reduction of project begins.	Month 5–18	TBA: Contract will	Implementation of handwork,

		be placed out to bid.	mastication, and pile burning on 70 acres.
Long term monitoring program	Month 18	Placer Sierra Fire Safe Council	Development of a monitoring schedule that will measure success, and coordinate a maintenance schedule for the project. We will be partnering with Local and State fire agencies to start a controlled fire demonstration site in this area to maintain the project for long term benefits to the community and forest.

**58. Budget Detail**

<b>Cost Categories</b>	<b>Funding Sources</b>			<b>Total</b>
	1. Grant	2. Applicant	3. Other Partners	4. Total
<b>a. Personnel</b>				
Administration (@ 15% of grant)	\$5,909	\$0	\$2,569	\$8,478
Volunteers (14 hrs/month @ \$20/hr for 18 months)	\$0	\$5,040	\$0	\$5,040
Project Coordinator (14 hrs/month @ \$20/hr for 18 months)	\$0	\$5,040	\$0	\$0
Total Personnel	\$5,909	\$10,080	\$2,569	\$18,558
<b>b. Fringe Benefits</b>				
	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0
Total Fringe Benefits	\$0	\$0	\$0	\$0
<b>c. Travel</b>				
	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0
Total Travel	\$0	\$0	\$0	\$0
<b>d. Equipment</b>				
	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0



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Total Equipment	\$0	\$0	\$0	\$0
e. Supplies				
2 Contract Advertisement @ \$500 each	\$1,000	\$0	\$0	\$1,000
Bidder Evaluation and Award Contract	\$200	\$0	\$0	\$200
Paper (1 box @ \$10.50)	\$21	\$0	\$0	\$0
Ink x4 (\$31.99 each)	\$128	\$0	\$0	\$0
Data Mapper	\$742	\$0	\$0	\$0
Total Supplies	\$2,091	\$0	\$0	\$2,091
f. Contractual				
Hand Work (33 acres @ \$1000/acre)	\$33,000	\$0	\$0	\$33,000
Pile and Burn (15 acres @ \$800/acre)	\$12,000	\$0	\$0	\$12,000
Mastication (10 acres @ \$1200/acre)	\$12,000	\$0	\$0	\$0
Total Contractual	\$57,000	\$0	\$0	\$57,000
g. Other				
PGEfor Utility Vegetation Management	\$0	\$0	\$24,750	\$24,750
Allen Edwards – Work on adjacent private property	\$0	\$0	\$30,000	\$30,000
Total Other	\$0	\$0	\$54,750	\$54,750
h. Total Direct Costs (sum of a – g)	\$65,000	\$10,080	\$57,319	\$132,399

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i. Indirect Charges	\$0	\$0	\$0	\$0
j. Project Total <i>(sum of h – i)</i>	\$65,000	\$10,080	\$57,319	\$132,399
k. Program Income	\$0	\$0	\$0	\$0

**59. Budget Summary**

<b>Cost Categories</b>	<b>Funding Sources</b>			<b>Total</b>
	1. Grant	2. Applicant	3. Other Partners	4. Total
a. Personnel	\$5,909.00	\$10,080.00	\$2,569.00	\$18,558.00
b. Fringe Benefits	\$0.00	\$0.00	\$0.00	\$0.00
c. Travel	\$0.00	\$0.00	\$0.00	\$0.00
d. Equipment	\$0.00	\$0.00	\$0.00	\$0.00
e. Supplies	\$2,091.00	\$0.00	\$0.00	\$2,091.00
f. Contractual	\$57,000.00	\$0.00	\$0.00	\$57,000.00
g. Other	\$0.00	\$0.00	\$54,750.00	\$54,750.00
h. Total Direct Costs (sum a – g)	\$65,000.00	\$10,080.00	\$57,319.00	\$132,399.00
i. Indirect Charges	\$0.00	\$0.00	\$0.00	\$0.00
j. Project Total (sum h – i)	\$65,000.00	\$10,080.00	\$57,319.00	\$132,399.00
k. Program Income	\$0.00	\$0.00	\$0.00	\$0.00

**60. Match amount by all organizations (including applicant) providing match**

<b>Organization Name</b>	<b>\$ Value</b>	<b>Organization Name</b>	<b>\$ Value</b>
1) Placer Sierra Fire Safe Council	\$10080	6)	\$
2) Pacific Gas and Electric Company	\$24750	7)	\$
3) Placer County Resource Conservation District	\$2569	8)	\$
		9)	\$
4) Allen Edwards	\$30000	10)	\$
5)	\$		
		<b>TOTAL: \$67399</b>	